Magnetec	**Product specification for inductive components**	Form: Revision:	MF04.05 (F108) 02

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Client:	**MAGNETEC**	**Magnetec P/N:**	**M-172**		
Client's P/N:	/	**PS Index:**	**01**	**PS Revision:**	**02**
Subject:	**EMC Wandler**				

1. Mechanical Outline

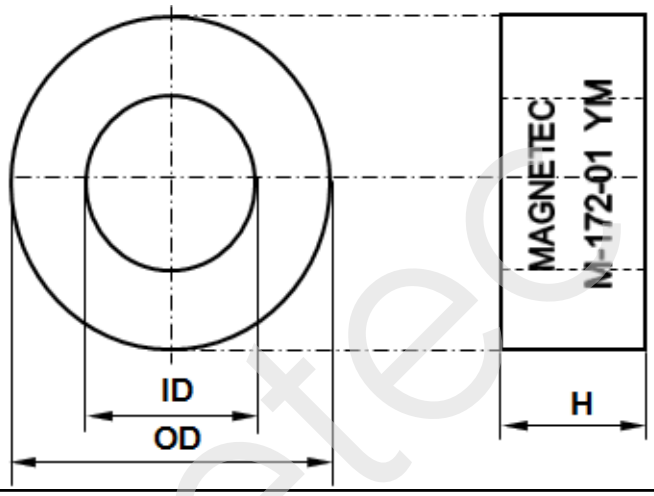
Nominal equivalent round core:

11 x 9 x 12

Finished product dimensions:

OD ≤ **12,0**
ID ≥ **7,5**
H ≤ **13,0**

[dimensions] = mm



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **3,13 cm**	A_{Fe} = **0,1 cm²**
Permeability level:		@ frequency	@ H peak
	ca. 80 000	**10 kHz**	**4,5 mA/cm**

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
AL [µH]	**21,6 - 42,2**	**10 kHz**	**10,0**

4. Core finishing

Type:	**Epoxy coated**
Marking:	**MAGNETEC M-172-01 YM (YM = Year/Month), acc. to IEC 62 5.1**
Packaging:	**128 pcs. per layer; 6 layers per carton box; PU = 768 pcs.**

5. Comments

Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
01 / 00	Product Specification	21.03.2002
01 / 01	LN format, PU = 768 pcs	11.03.2013
01 / 02	Upper AL limit defined	17.06.2013

Created:	Z. Palánki 17.06.2013	**Approved (Techn):**	F. Zámborszky 24.06.2013	**Approved (Quality):**	J. Gulyás 24.06.2013	**Released:**	F. Rauscher 24.06.2013

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